IBM TotalStorage
SAN Volume Controller

Host Attachment User's Guide

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About this guide

This guide provides errata information that pertains to release 1.2.1 of the IBM TotalStorage SAN Volume Controller Host Attachment User's Guide.

This guide contains the corrections and additions on a per chapter basis. The chapter numbers in this guide correspond directly with the chapter numbers in the Host Attachment User's Guide supplied with your SAN Volume Controller.

Who should use this guide

Before using the IBM TotalStorage SAN Volume Controller, you should review the errata contained within this guide and note the details with respect to the copy of the Host Attachment User's Guide supplied with you SAN Volume Controller.

Last Update

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Chapter 6. Attaching a Microsoft Windows 2000 or 2003 host

Page 35 add the following chapter.

Configuring for SAN boot

Supported configurations

- Bladecenter
  Only Bladecenter servers with integrated Brocade switches are supported.
- Other hosts
  Only hosts using QLogic 23xx HBAs are supported.

Installation

The Windows installation process requires only one path to be available to the installation VDisk. The fibre-channel switch must be configured so that only the boot disk is mapped to the host. This switch zone should contain one fibre-channel host port and one SVC node port.

Limitations

Microsoft Windows 2000 and 2003 use a memory paging system requiring fast access to the pagefile.sysfile that by default resides on the boot disk. In the event that this paging file becomes unavailable to the memory management system, such as in SAN environments with heavy I/O loads, this can cause the operating system to halt, requiring a reboot to recover.

If there is a loss of the primary boot path Windows will not allow the system to reboot on a secondary path.

Please refer to the information contained in Microsoft Knowledge Base article Q305547 at http://support.microsoft.com/default.aspx?scid=kb;en-us;Q305547 for additional recommendations related to booting from a SAN.

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